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Part Number:

0460145001

Status:

Active

Overview:

Mini-Fit Plus Connector System

Description:

Mini-Fit Plus Header, 4.20mm Pitch, Single Row, Vertical, 5 Circuits -3 Circuits Voided, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-0, Gold (Au) 0.76µm Over Nickel (Ni) Plating



Series image - Reference only

Documents:	
Drawing (PDF)	Packaging Specification PK-5566-002-000 (PDF)
3D Model	RoHS Certificate of Compliance (PDF)
Product Specification PS-45750-001-001 (PDF)	

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	46014
3D Viewer	Yes
Application	Board-to-Board, Power, Wire-to-Board
CURRENT-MAX-NUMERIC	11.5
Comments	11.5A When using as Board-to-Board and Wire-to-Board, 11.5A When using as Board-to-Board and Wire-to-Board
Overview	Mini-Fit Plus Connector System
PITCH-MATING-NUMERIC	4.20
Product Name	Mini-Fit Plus
UPC	884982068148
Physical	
Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Natural
Durability (mating cycles max)	250
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Nickel
Material - Resin	Nylon
Net Weight	1.255/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	1.80mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/71/2019 (16 July 2019)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

46014 Series

Mates With

5557 Mini-Fit Jr. Receptacle Housing

Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	11.5A
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-5566-002-000
Product Specification	PS-45750-001-001
Sales Drawing	SD-46014-001-000

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